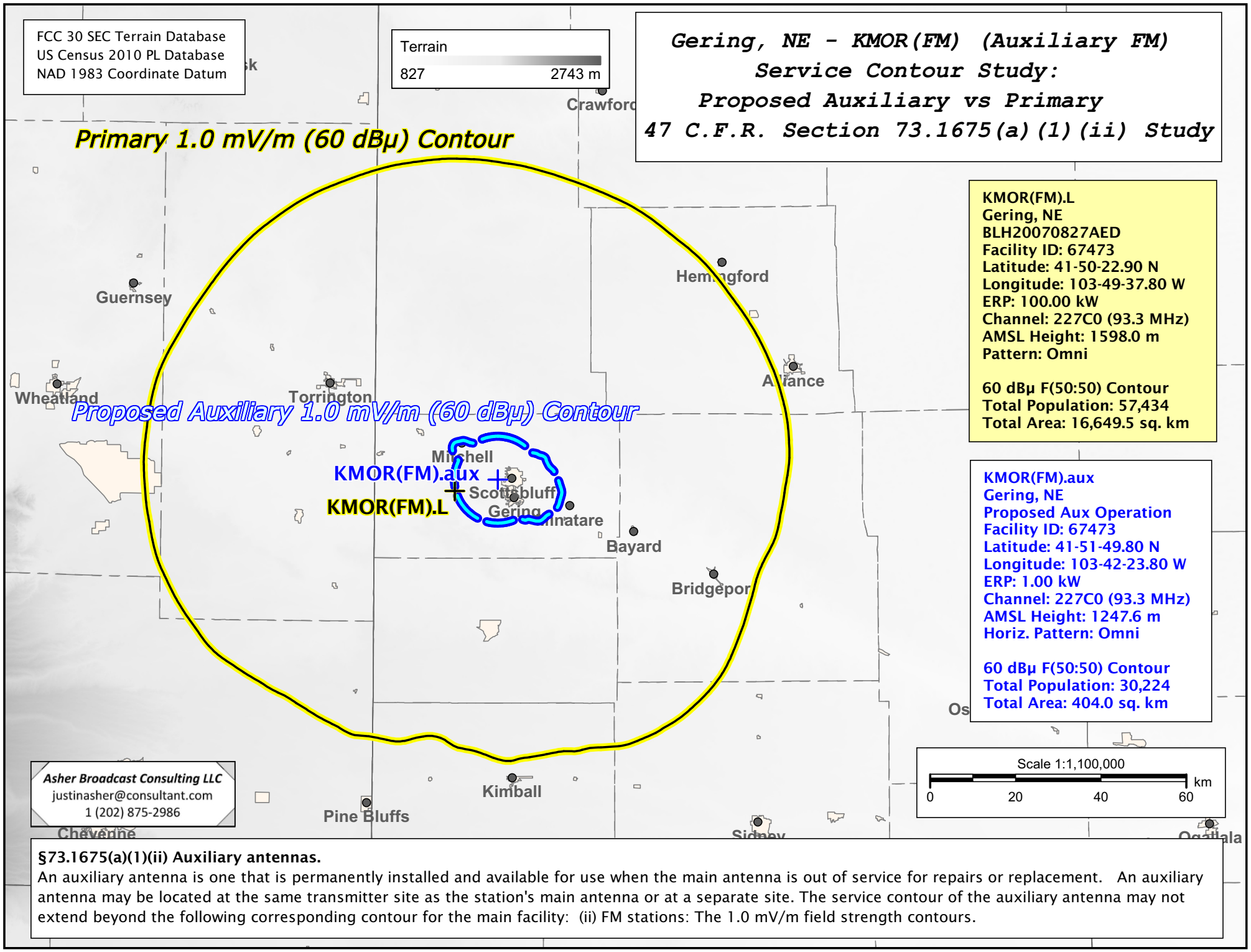
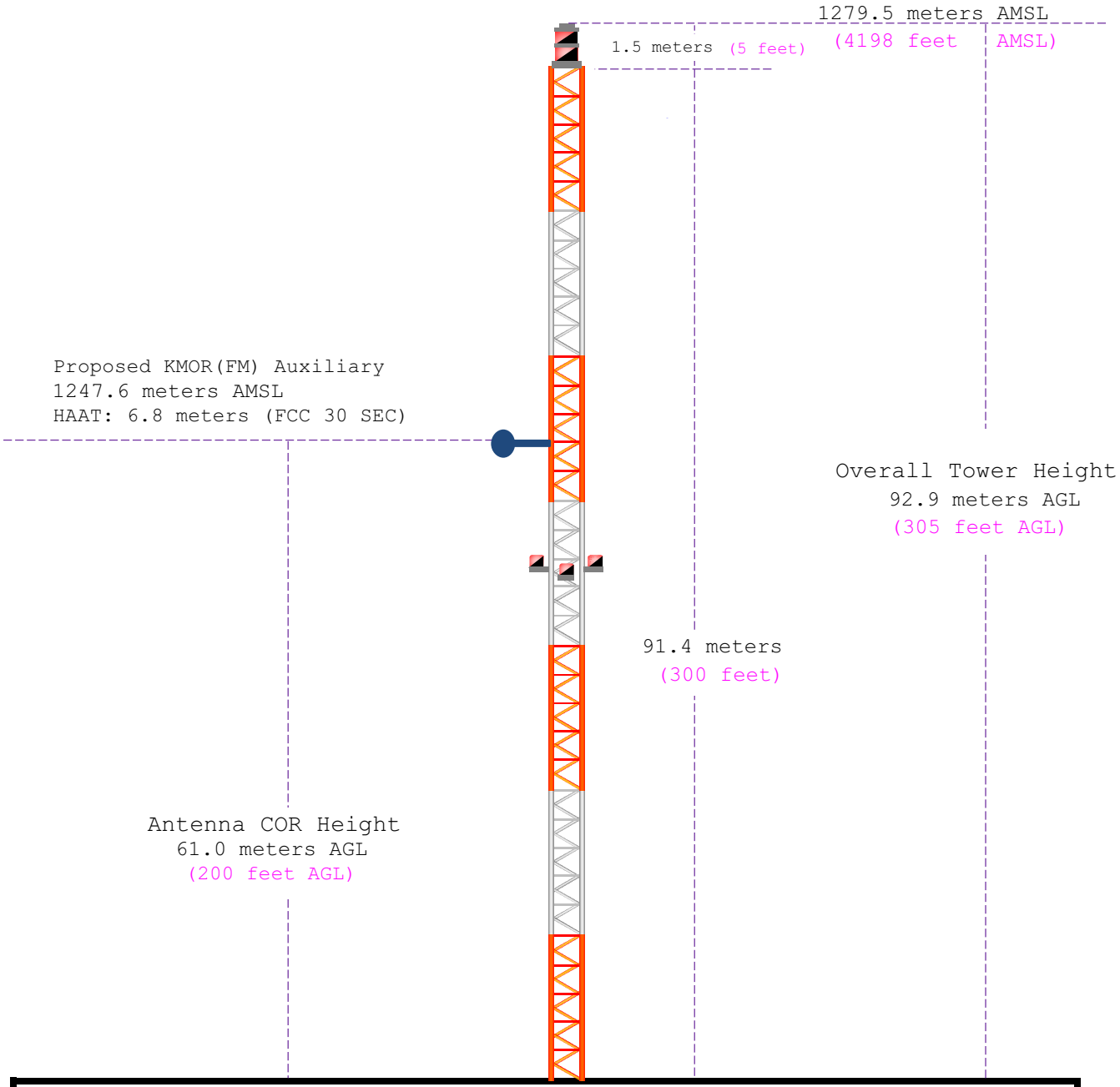


§73.1675(a)(1)(ii) Auxiliary antennas.
An auxiliary antenna is one that is permanently installed and available for use when the main antenna is out of service for repairs or replacement. An auxiliary antenna may be located at the same transmitter site as the station's main antenna or at a separate site. The service contour of the auxiliary antenna may not extend beyond the following corresponding contour for the main facility: (ii) FM stations: The 1.0 mV/m field strength contours.

Gering, NE - KMOR(FM) (Auxiliary FM)
Vertical Plan of Antenna System



Ground Elevation: 1186.6 meters AMSL (3893 feet AMSL)		
Address: On Kolt Lane (east); 3 km west of Scottsbluff, NE.		
City: Scottsbluff **County:** Scotts Bluff **State:** Nebraska	**Laitude (D M S)** ---- **Longitude (D M S)** ---- Lat/Long 41-51-49.8 N 103-42-23.8 W	(NAD 1927) (NAD 1983)
Antenna Structure Registration 1025430*	Drawing Is Not To Scale	***Asher Broadcast Consulting, LLC*** justinasher@consultant.com 1(202)875-2986

*Pending Corrective FAA Study 2020-ACE-3906-OE

Gering, NE - KMOR(FM) (Auxiliary FM) Pending FAA Correction to Antenna Structure Registration (public record copy)

Federal Aviation Administration

Notice of Proposed Construction or Alteration - Off Airport

Add a New Case (Off Airport) - Desk Reference Guide V_2018.2.1

Add a New Case (Off Airport) for Wind Turbines - Met Towers (with WT Farm) - WT-Barge Crane - Desk Reference Guide V_2018.2.1

Project Name: NEBRA-000582821-20 **Sponsor:** NEBRASKA RURAL RADIO ASSOCIATION

Details for Case : KHYY(FM)aux Tower (south)

Show Project Summary

Case Status

ASN:	2020-ACE-3906-OE	**Date Accepted:**	06/08/2020
Status:	Accepted	**Date Determined:**	
		Letters:	None
		Documents:	06/08/2020 FCC Antenna Struc...
Public Comments:	None		
			Project Documents: None

Construction / Alteration Information

Notice Of:	Existing
Duration:	Permanent
if Temporary :	Months: Days:
Work Schedule - Start:	
Work Schedule - End:	

For temporary cranes-Does the permanent structure require separate notice to the FAA? To find out, use the Notice Criteria Tool. If separate notice is required, please ensure it is filed. If it is not filed, please state the reason in the Description of Proposal.

State Filing:	Not filed with State

Structure Summary

Structure Type:	Antenna Tower
Structure Name:	KHYY(FM)aux Tower (south)
FDC NOTAM:	
NOTAM Number:	
FCC Number:	1025430 FCC ASR Registration
Prior ASN:	

Structure Details

Latitude:	41° 51' 49.80" N
Longitude:	103° 42' 23.80" W
Horizontal Datum:	NAD83
Site Elevation (SE):	3893 (nearest foot) PASSED
Structure Height (AGL):	305 (nearest foot)
Current Height (AGL): ** For notice of alteration or existing provide the current AGL height of the existing structure. Include details in the Description of Proposal*	305 (nearest foot)
Minimum Operating Height (AGL): ** For aeronautical study of a crane or construction equipment the maximum height should be listed above as the Structure Height (AGL). Additionally, provide the minimum operating height to avoid delays if impacts are identified that require negotiation to a reduced height. If the Structure Height and minimum operating height are the same enter the same value in both fields.*	(nearest foot)
Requested Marking/Lighting:	Red lights and paint
Other :	
Recommended Marking/Lighting:	
Current Marking/Lighting:	Red lights and paint
Other :	
Nearest City:	Scottsbluff
Nearest State:	Nebraska
Description of Location: *On the Project Summary page upload any certified survey.*	On Kolt Lane (east); 3 km west of Scottsbluff, NE
Description of Proposal:	Prior ASN: 94-ACE-0627-OE (See Attached FCC Copy; prior ASN is not recognized in FAA system) Prior FAA ASN was for a now defunct 2-tower AM array; with both towers filed under the same ASN. This filing requests corrections in ground elevation and coordinates with no physical change.

Proposed Frequency Bands

Select any combination of the applicable frequencies/powers identified in the Colo Void Clause Coalition, Antenna System Co-Location, Voluntary Best Practices, effective 21 Nov 2007, to be evaluated by the FAA with your filing. If not within one of the frequency bands listed below, manually input your proposed frequency(ies) and power using the Add Specific Frequency link.

Add Specific Frequency

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
93.3	93.3	MHz	1	kW
101.3	101.3	MHz	1	kW
106.9	106.9	MHz	25	kW

Gering, NE - KMOR(FM) (Auxiliary FM)
HAAT and Miscellaneous Coordinate Information

HAAT Calculation (1983):

N. Lat. = 415149.8 W. Lng. = 1034223.8
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	1239.5	8.1	1.0000	0.00	1.000	10.16
045	1224.2	23.4	1.0000	0.00	1.000	10.16
090	1187.8	59.8	1.0000	0.00	1.000	14.15
135	1192.3	55.3	1.0000	0.00	1.000	13.63
180	1266.5	-18.9	1.0000	0.00	1.000	10.16
225	1353.7	-106.1	1.0000	0.00	1.000	10.16
270	1262.4	-14.7	1.0000	0.00	1.000	10.16
315	1199.8	47.8	1.0000	0.00	1.000	12.67

Ave El= 1240.76 M HAAT= 6.84 M AMSL= 1247.6 M

NAD 1983 to NAD 1927 Conversion:

Various Coordinate Conversion Calculations (NAD 1983):

Position Type	Lat Lon
Degrees Lat Long	41.8638333°, -103.7066111°
Degrees Minutes	41°51.83000', -103°42.39667'
Degrees Minutes Seconds	41°51'49.8000", -103°42'23.8000"
UTM	13T 607344mE 4635466mN
UTM centimeter	13T 607344.46mE 4635466.61mN
MGRS	13TFG0734435466
Grid North	0.9°
GARS	153LZ24
Maidenhead	DN81DU57EH96
GEOREF	FJBM17605183